**Supplementary table 1.** The series resistance, input resistance, and capacitance of voltage-clamp experiments measuring IA currents

|  |  |  |  |
| --- | --- | --- | --- |
|  | WT | Ndn +m/-p | p value |
| Series Rs (Mohm) | 24.01±2.87 | 20.218±1.39 | 0.25 |
| Input Rs (Mohm) | 658.31±61.9 | 722.7±294.76 | 0.57 |
| Series/input Rs | 0.046±0.009 | 0.034±0.004 | 0.27 |
| Capacitance (pF) | 102.99±5.99 | 94.04±7.06 | 0.34 |

Values are expressed as mean ± SEM

Abbreviations: WT, wildtype; Rs, resistance